

## APPLICATION INFORMATION

Application Type:: REGULAR  
 Subject Matter:: UTILITY  
 CD-ROM or CD-R?:: NONE  
 Title:: BARLEY LIPOXYGENASE 1 GENE,  
       METHOD OF SELECTING BARLEY  
       VARIETY, MATERIAL OF MALT  
       ALCOHOLIC DRINKS AND PROCESS  
       FOR PRODUCING MALT ALCOHOLIC  
       DRINK  
 Attorney Docket Number:: 278432US0PCT  
 Total Drawing Sheets:: 15

## INVENTOR INFORMATION

Applicant Authority Type:: INVENTOR  
 Primary Citizenship Country:: Japan  
 Status:: FULL CAPACITY  
 Given Name:: Naohiko  
 Family Name:: HIROTA  
 City of Residence:: Gunma  
 Country of Residence:: Japan  
 Street of Mailing Address:: c/o Sapporo Breweries Ltd., Bioresources  
                                   Res. & Dev't. Lab., 37-1, Kizaki, Nitta-  
                                   machi, Nitta-gun  
 City of Mailing Address:: Gunma  
 Country of Mailing Address:: Japan  
 Postal or Zip Code of Mailing Address:: 370-0393

Applicant Authority Type:: INVENTOR  
 Primary Citizenship Country:: Japan  
 Status:: FULL CAPACITY  
 Given Name:: Takafumi  
 Family Name:: KANEKO  
 City of Residence:: Gunma  
 Country of Residence:: Japan  
 Street of Mailing Address:: c/o Sapporo Breweries Ltd., Bioresources  
                                   Res. & Dev't. Lab., 37-1, Kizaki, Nitta-  
                                   machi, Nitta-gun  
 City of Mailing Address:: Gunma  
 Country of Mailing Address:: Japan  
 Postal or Zip Code of Mailing Address:: 370-0393

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Hisao  
Family Name:: KURODA  
City of Residence:: Yaizu-shi  
State or Province of Residence:: Shizuoka  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Sapporo Breweries Ltd., Frontier  
Laboratories of Value Creation, 10,  
Okatohme  
City of Mailing Address:: Yaizu-shi  
State or Province of Mailing Address:: Shizuoka  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 425-0013

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Hirotaka  
Family Name:: KANEDA  
City of Residence:: Yaizu-shi  
State or Province of Residence:: Shizuoka  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Sapporo Breweries Ltd., Frontier  
Laboratories of Value Creation, 10,  
Okatohme  
City of Mailing Address:: Yaizu-shi  
State or Province of Mailing Address:: Shizuoka  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 425-0013

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Kiyoshi  
Family Name:: TAKOI  
City of Residence:: Yaizu-shi  
State or Province of Residence:: Shizuoka  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Sapporo Breweries Ltd., Frontier  
Laboratories of Value Creation, 10,  
Okatohme  
City of Mailing Address:: Yaizu-shi  
State or Province of Mailing Address:: Shizuoka  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 425-0013

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Kazuyoshi  
Family Name:: TAKEDA  
City of Residence:: Kurashiki-shi  
State or Province of Residence:: Okayama  
Country of Residence:: Japan  
Street of Mailing Address:: 1169-171, Ariki  
City of Mailing Address:: Kurashiki-shi  
State or Province of Mailing Address:: Okayama  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 710-0031

#### CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 22850

#### REPRESENTATIVE INFORMATION

Representative Customer Number:: 22850

#### DOMESTIC PRIORITY INFORMATION

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National Stage of	PCT/JP04/04217	03/25/04

#### FOREIGN PRIORITY INFORMATION

Application Number:	Country::	Filing Date::	Priority Claimed::
2003-083924	Japan	03/25/03	YES

#### ASSIGNMENT INFORMATION

Assignee Name:: SAPPORO BREWERIES LIMITED  
Street of Mailing Address:: 20-1, Ebisu 4-chome, Shibuya-ku  
City of Mailing Address:: Tokyo  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 150-8522